Abstract

Systems and methods are provided for automatically configuring ports of devices within an SAS network domain. A domain control element, such as an SAS initiator, is coupled to a plurality of expander devices. The domain control element configures ports of the expander devices by traversing port connections between the expander devices to determine routing attributes of the ports. The domain control element automatically configures the ports to operate according to the routing attributes. In one aspect hereof, an initiator device of the SAS network domain serves as a control element to perform the automated configuration of routing attributes. In another aspect hereof, an expander device serves as a control element to configure routing attributes of the ports.